HF Happenings 926

Sun shine is good for your radio, get outdoors!

The reason why there was no HF Happenings last week. Dennis and Carina attended the Sandstone Spring Steam Festival near Ficksburg last week. Dennis was driving military vehicles from the Sandstone Collection and riding steam trains now and again.

November
28 - West Rand Flea Market
28 and 29 – the CQ WW DX CW Contest

December
1 – start of YOTA Month
3 - International Day for Persons with Disabilities
5 – Radio Amateur Examination and SARL 95 40 m Club Sprint
7 - International Civil Aviation Day
10 - International Human Rights Day; Chanukah
11 - International Mountain Day
12 and 13 – the ARRL 10 m Contest
13 and 14 - Geminids meteor shower
16 - Day of Reconciliation
21 - Summer Solstice (12:02); conjunction of Jupiter and Saturn
21 and 22 - Ursids meteor shower
25 – Christmas Day
26 – Family Day
31 - End of YOTA Month and the CQ DX Marathon

Volunteers Needed for Propagation Research Project --

From our friends at HamSCI... HamSCI (www.hamsci.org) is looking for amateur radio operators around the world to help collect propagation data during the 14 December eclipse across South America. Data collection requires an HF radio connected to a computer. There will be 24-hour practice runs on 21 November and 5 December. The main data recording will run from 9 to 16 December, to ensure an abundance of control data.

Details of the experiment may be found at https://hamsci.org/december-2020-eclipse-festival-frequency-measurement. Instructions are also available in Spanish and Portuguese. Interested operators should sign up at https://forms.gle/C9PFSTeLf7xvCQDYA or directly contact Kristina Collins at kd8oxt@case.edu.

The Results of the 6th SARL Wednesday 80 m Club Sprint

Sixty-two logs, reflecting 932 QSOs, were received for the 6th leg of the Wednesday 80 m Club Sprint held on 18 November 2020.

1st the West Rand ARC – 1 446 points (32 logs)
2nd the Boland ARC – 1 072 points (21 logs)
3rd the Bo-Karoo ARC – 72 points (1 log)
4th the Hibiscus ARC – 66 points (2 logs)
5th the Magalies ARC and Sandton ARCs – 52 points (1 and 2 logs)
7th the Secunda ARC – 28 points (1 log)
8th the Pretoria ARC – 18 points (1 log)
9th the Northern Cape ARC – 4 points (1 log)

After the 6 legs
1st the West Rand ARC – 5 917 points
2nd the Boland ARC – 4 964 points
3rd the Bo-Karoo ARC – 1 878 points
4th the Hibiscus ARC – 717 points
5th the Magalies ARC – 439 points
6th the Bloemfontein ARC – 378 points
7th the Sandton ARC – 254 points
8th the Rustenburg ARC – 242 points
9th the Northern Cape ARC – 185 points
10th the Cape Town ARC – 170 points
11th the Vrystaat ARC – 64 points
12th the Secunda ARC – 60 points
13th the Potchefstroom ARC – 50 points
14th the Pretoria ARC – 46 points
15th the Lichtenburg ARC – 37 points
16th the Highway ARC – 18 points

The individual scores will be posted in the next issue.

CQ WW WPX Contests: New Rules

A new "Multi-Transmitter Distributed" category is being added to the CQ World Wide WPX RTTY, SSB and CW contests to better accommodate operators who wish to compete as a team without all being in the same physical location. The new category will permit up to six separate stations in different locations to operate as a single contest entry. All equipment, including remotely-controlled equipment, must be located in same DXCC Entity and CQ Zone. Although inspired by innovations being made in response to the Corona virus pandemic, this new, stand-alone category will be permanent. It is not intended to replace, or compete with, other multi-operator categories.

In addition, QSO alerting systems will now be permitted in all CQ WW WPX SSB and CW Single Operator categories, except the Single Operator Classic Overlay categories. There will no longer be separate listings or recognition for "Assisted" vs "Unassisted" categories and all Classic overlay entries must be unassisted. This step further aligns CQ WW WPX SSB and CW contests with CQ WW WPX RTTY, where the use of QSO alerting systems has been permitted since the mid-nineties.

Also, the maximum operating time for Single Operator Classic Overlay participants has been reduced from 36 to 24 hours.

Finally, the Multi-Operator Single Transmitter High and Low Power Classic Overlay categories have been removed from the rules.

The rule changes take effect with the 2021 running of the WPX contests (RTTY on 13 and 14 February, SSB on 27 and 28 March and CW on 29 and 30 May). These changes do not apply to the CQ World Wide (CQ WW) DX contests. The full rules for CQ WW WPX SSB and CW 2021 will be posted on https://www.cqwpx.com/ in early 2021.

Cabrillo Log Evaluator Software

There are many responsibilities for a successful radio contest sponsor, not the least of which is scoring the actual event. For those starting a brand-new event who are not up for the task of writing custom software to take (probably) Cabrillo logs, applying scoring criteria, and calculating a score, check out the Cabrillo Log Evaluator software from W3KM https://www.qsl.net/w3km/cabrillo.htm. With frequent updates, it touts the ability to score a wide range of contests. What is more, the programme author offers to supply contest-specific setup files for first-time contest sponsors.

CHROME

CHROME, the Google web browser, proclaims better performance and consumption of fewer system resources in a recent blog post, which will benefit those running on a laptop or other battery-powered devices https://blog.google/products/chrome/faster-chrome/. However, the way it accomplishes some of those improvements is by providing fewer resources to background browser tabs. If you are using multiple tabs to keep track of multiple sources of spot information in a contest (as one might do in a rover situation for a VHF/UHF contest), you may see the behaviour of those tabs change, leading to delayed or missing alerts or updates. The exact behaviour may depend on the website and the way the specific backgrounded page has been written. Something to keep in mind if you notice a difference.

Headphones to Headset

Your favourite headphones can be turned into your favourite *headset* with the addition of the Antlion Audio Modmic attachable microphone https://antlionaudio.com/. It can magnetically attach to an existing headset. Kirk, K4RO, says this about it in a post to CQ-Contest email reflector: "Add it to your favourite headphone set (it clips on magnetically) and you'll be rocking with some great transmit audio for 50 bucks."

Sights and Sounds

Paul, W6PNG, went mobile (as K7E) to combine radio contesting and camping during the California QSO Party in May. His expedition to Mineral County, Nevada, is documented in a travelogue-style post on Paul's website https://nomadic.blog/2020/08/01/becoming-k7e/. Paul's takeaways from the experience include bringing a cooler with better food, an amplifier, and a directional antenna to take advantage of the terrain.

Steve, VE6WZ, provides a tour of the control side of his successful remote station, which includes extensive receive arrays https://www.youtube.com/watch?v=fd6DkobdIK4. His quick 15-minute video discusses the rationale behind some of his station building decisions.

Tim, K3LR, provided a virtual station tour of his multi-multi station to the Bay Area DXers Contest Club https://www.youtube.com/watch?v=7UHVYNG36oA. You, too, can use YouTube to see some of the hard work that enables those stellar contest scores.

African DX

Contacts with stations on the African continent count towards the SARL's All Africa Award (www.sarl.org.za/public/awards/awards.asp)

Tunisia, 3V8. Ashraf "Ash", 3V4-002 (KF5EYY) will be active as 3V8SS from the Radio Club Station of Tunisian Scouts in Sousse during the CQ WW DX CW Contest (28 and 29 November) as a Single-Op/All-Band/Low-Power entry. QSL via LoTW or LX1NO.

Mauritania, 5T7. Tom, DL7BO, is expected to be active as 5T7OO from Mauritania soon and plans to be there for a long time. Activity will be on various HF bands. QSL via DJ6TF.

Somalia, 6O. Ali, EP3CQ, announced on Twitter (https://twitter.com/EP3CQ) that he will once again be active as 6O1OO from Somalia starting 15 November for two months. As always, his activity will be limited to his spare time because he works for the UN Department of Safety and Security (UNDSS) in Mogadishu. Operations are on 160, 80, 60, 40, 30, 20, 17, 15, 10 and 6 metres using CW, SSB and FT8. The 6O1OO station is currently the only active and licensed Amateur Radio Station in Somalia. QSL direct to Ali Solhjoo, Schnackenburgstr. 3, Berlin 12159, Germany. QSL cards will be replied to on a bi-monthly basis. IRC's are not accepted. Ali states that all QSL cards received (by 10 November 2020) for 6O1OO were replied and dispatched.

African Islands

Comoros, D6. Don, K6ZO/7Q6M (ex-D68GA), is now active as D60AB from Comoro Islands (AF-007) as of 17 November. He has permission to be active on 160, 40, 20, 17, 15, 12 and 10 metres. He has been spotted on 40/20/17/15 meters CW after 17:00 UTC and again after 23:00 UTC. Length of his stay possibly ends 24 November.
He will head back to Malawi on 26 November to join the 7Q7WW team (Don, N6ZO and Junior, 7Q7JN) for the CQ WW DX CW Contest (28 and 29 November) and then return to Washington on 5 December.

Pantelleria Island, IH9. Raf, IH9YMC will operate the CQ WW CW contest from Pantelleria Island (AF-018). QSL via LoTW, eQSL.

Radio Frequency Interference

Jim, K9YC, also publishes and updates his document "A Ham's Guide to RFI, Ferrites, Baluns, and Audio Interfacing" on his website http://k9yc.com/RFI-Ham.pdf. On page 23, he discusses the use of common mode chokes to reduce or eliminate common mode noise from portable generators, like the kind that DXpeditions or Field Day-style contest operations use. If you are thinking of going portable to get away from "city" RFI, be sure to verify you are not also bringing noise sources with you.

Band Stop Filter

Steve, VE6WZ, made a video on how he constructed a band-stop filter to minimize interference to broadcast band reception while he was transmitting on 160 metres https://www.youtube.com/watch?v=_fZgDaodas4. He walks through calculating the values for circuit components using an online tool from WA4DSY, selecting a filter design and then construction of the circuit. He finishes up using a nanoVNA with NANOSAVER software to characterize his build.

The Results of the fifth SARL 95 40 m Club Sprint

The fifth leg of the SARL 95 40 m Sprint was held on Saturday 31 October 2020 and 36 logs were received, reflecting 719 QSOs.

1st the West Rand ARC – 1 688 points (28 logs)
2nd the Hibiscus ARC – 152 points (4 logs)
3rd PEARS – 50 points (1 log)
4th the Boland ARC – 22 points (1 log)
5th the Northern Cape ARC – 14 points (1 log)
6th the Pretoria ARC – 8 points (1 log)

After the five Sprints
1st the West Rand ARC – 5 390 points
2nd the Bo-Karoo Arc – 1 348 points
3rd the Hibiscus ARC – 798 points
4th the Boland ARC – 754 points
5th the Magalies ARC – 414 points
6th PEARS - 378 points
7th the Vrystaat ARC - 162 points

8th the Northern Cape ARC - 146 points
9th the Highway ARC - 126 points
10th the Durban ARC - 80 points
11th the Centurion ARC - 68 points
12th the Rustenburg Branch - 54 points

13th the Midlands ARC - 36 points
14th the Sandton ARC - 28 points
15th the Pretoria ARC - 8 points

The Individual scores
1st Karin, ZS6MMA – 130 points
2nd Kobus, ZS6BOS – 120 points
3rd Simone, ZS6SIM - 100 points
4th Jan, ZS6ALC - 94 points
5th Wynand, ZS6WY - 84 points
6th Nic, ZR6AEZ and Andreas, ZS6ADU - 82 points
8th Phillip, ZS6PVT and Danie, ZS6DPS - 66 points
10th Gordon, ZS6AGE – 64 points
11th Dienie, ZS6DNI - 62 points
12th Joseph, ZS6JOE - 58 points
13th Andrew, ZS6AN - 56 points

14th Gert, ZR6GRT and Veronica, ZR6TVK - 54 points
16th Jack, ZS6JJK – 52 points
17th Theunis, ZS2EC; Glen, ZS6GGA and Kevin, ZS6KVN - 50 points
20th Cliff, ZS6BJU - 48 points
21st Heather, ZS5YH; Louis, ZS5LS; Johan, ZS6JHN and Johan, ZS6JBZ - 46 points
25th Stephen, ZS6SJR - 44 points
26th Colin, ZS6CPH - 42 points
27th Sid, ZS5SID - 40 points
28th Nic, ZS1N/6 - 34 points
29th Romeo, ZS6ARQ and Koos, ZS6JFK - 32 points
31st Ean, ZS1PR and Andrew, ZR6M - 22 points
33rd Sid, ZS5H - 20 points
34th Awie, ZS6AVI - 18 points
35th Roy, ZS3RW - 14 points
36th Roy, ZS6XN - 8 points

Contest Calendar
This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 23 to 30 November 2020

K1USN Slow Speed Test
00:00 - 01:00 UTC 23 November
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 80, 40, 20 m
Classes: Single Op - QRP, low or high
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
Exchange: Maximum 20 wpm - Name and state, province or country
Work stations: Once per band
QSO Points: 10 points per QSO with same country; 20 points per QSO with different country, same continent; 30 points per QSO with different country, different continent
Multipliers: Each state/province/country once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 23:59 UTC 25 November 2020
Post log summary at:
http://www.3830scores.com
Mail logs to: (none)
Find rules at: http://www.k1usn.com/sst.html

OK1WC Memorial (MWC)

16:30 - 17:29 UTC 23 November
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 80, 40 m
Classes: Single Op All Band - QRP or low; Single Op Single Band - QRP or low
Max power: LP: 100 watts; QRP: 5 watts
Exchange: RST and serial no
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each last character of worked station call suffix once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 06:00 UTC 27 November 2020
E-mail logs to: (none)
Upload log at: https://memorial-ok1wc.cz/index.php?page=logs
Mail logs to: (none)
Find rules at: https://memorial-ok1wc.cz/index.php?page=rules2l

Worldwide Sideband Activity Contest
01:00 - 01:59 UTC 24 November
Geographic Focus: Worldwide
Participation: Worldwide
Mode: SSB

Bands: 160, 80, 40, 20, 15, 10, 6 m
Classes: Single Op - QRP, low or high; Overlay: Youth (26 years old or younger); Youth YL (female 26 years old or younger); YL (female older than 26 years
Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts
Exchange: RS and age group (OM, YL, Youth YL or Youth)
Work stations: Once per band
QSO Points: 1 point per QSO with OM; 5 points per QSO with YL; 10 points per QSO with Youth; 15 points per QSO with Youth YL
Multipliers: Each DXCC once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 01:59 UTC 25 November 2020
E-mail logs to: (none)
Upload log at: https://logs.wwsac.com/
Mail logs to: (none)
Find rules at: https://wwsac.com/rules.html

RTTYOPS Week Sprint
17:00 - 19:00 UTC 24 November
Geographic Focus: Worldwide
Participation: Worldwide
Mode: RTTY
Bands: 80, 40, 20 m
Classes: Single Op
Max operating hours: 2 hours
Exchange: other station's call, your call, serial no and your name,
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 23:59 UTC 1 December 2020
E-mail logs to: rtty-week-tuesday@nrrlcontest.no
Mail logs to: (none)

Find rules at:
https://rttyops.wordpress.com/rtty-mini-contests/rttyops-Week Sprint/

SKCC Sprint
00:00 - 02:00 UTC 25 November
Geographic Focus: Worldwide
Participation: Worldwide
Awards: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: (none)
Exchange: RST, state, province or country, name and SKCC no or power
Work stations: Once per band
QSO Points: (see rules)
Multipliers: Each state, province, or country once
Score Calculation: Total score = (total QSO points x total mults) and bonus points
Submit logs by: 23:59 UTC 27 November 2020
E-mail log summary to: (none)
Post log summary at:
http://www.skccgroup.com/operating_activities/weekday_sprint/submit-display.php
Mail logs to: (none)
Find rules at:
http://www.skccgroup.com/operating_activities/weekday_sprint/

Phone Fray
02:30 - 03:00 UTC 25 November
Geographic Focus: North America
Participation: Worldwide
Mode: SSB
Bands: 160, 80, 40, 20, 15 m
Classes: Single Op
Max power: 100 watts
Exchange: NA: Name and state, province or country; non-NA: Name
Work stations: Once per band
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station
Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 03:00 UTC 27 November 2020
E-mail logs to: (none)

Post log summary at:
http://www.3830scores.com
Mail logs to: (none)
Find rules at:
http://www.perluma.com/Phone_Fray_Contest_Rules.pdf

CWops Mini-CWT Test: 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 25 November and 03:00 - 04:00 UTC 26 November
Geographic Focus: Worldwide
Participation: Worldwide
Awards: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op - QRP, low or high
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
Exchange: Member: Name and member no or CWA; non-Member: Name and state, province or country
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each call once
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 04:00 UTC 28 November 2020
Post log summary at:
http://www.3830scores.com
Mail logs to: (none)
Find rules at: https://cwops.org/cwops-tests/

UKEICC 80 m Contest
20:00 - 21:00 UTC 25 November
Geographic Focus: Europe
Participation: Worldwide
Mode: CW
Bands: 80 m Only
Classes: Single Op Connected - QRP, low or high; Single Op Unconnected - QRP, low or high
Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts
Exchange: 6-Character grid square
QSO Points: 1 point per 500 km (10 pts max); multiply QSO points by 2 if low power station; multiply QSO points by 4 if QRP station
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 22:00 UTC 25 November 2020

E-mail logs to: (none)
Upload log at: http://logs.ukeicc.com/cgi-bin/hfenter.pl
Mail logs to: (none)
Find rules at: https://www.ukeicc.com/80 m-rules.php

RTTYOPS Week Sprint
17:00 - 19:00 UTC 26 November
Geographic Focus: Worldwide
Participation: Worldwide
Mode: RTTY
Bands: 80, 40, 20 m
Classes: Single Op
Max operating hours: 2 hours
Exchange: other station's call, your call, serial no and your name
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 23:59 UTC 3 December 2020
E-mail logs to: rtty-week-thursday@nrrlcontest.no
Mail logs to: (none)
Find rules at:
https://rttyops.wordpress.com/rtty-mini-contests/rttyops-Week Sprint/

RSGB 80 m Autumn CW Series
20:00 - 21:30 UTC 26 November
Geographic Focus: United Kingdom
Participation: Worldwide
Mode: CW
Bands: 80 m Only
Classes: 100 W; 10 W
Exchange: RST and serial no
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points

Submit logs by: 23:59 UTC 29 November 2020
Upload log at: http://www.rsgbcc.org/cgi-bin/hfenter.pl
Mail logs to: (none)
Find rules at: https://www.rsgbcc.org/hf/rules/2020/rautumn.shtml

NCCC RTTY Sprint
01:45 - 02:15 UTC 27 November
Geographic Focus: North America
Participation: Worldwide
Mode: RTTY
Bands: (see rules)
Classes: (none)
Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 29 November 2020
E-mail logs to: (none)
Post log summary at: http://www.3830scores.com/
Mail logs to: (none)
Find rules at: http://www.ncccsprint.com/rttyns.html

NCCC Sprint
02:30 - 03:00 UTC 27 November
Geographic Focus: North America
Participation: Worldwide
Mode: CW
Bands: (see rules)
Classes: (none)
Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 29 November 2020
E-mail logs to: (none)
Post log summary at: http://www.3830scores.com/
Mail logs to: (none)

Find rules at: http://www.ncccsprint.com/rules.html

CQ Worldwide DX CW Contest
00:00 UTC 28 November to 24:00 UTC 29 November
Geographic Focus: Worldwide
Participation: Worldwide
Awards: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op All Band - QRP, low or high; Single Op Single Band - QRP, low or high; Single Op Assisted All Band - QRP, low or high; Single Op Assisted Single Band - QRP, low or high; Single Op Overlays: (Classic/Rookie); Multi-Single – low or high; Multi-Two; Multi-Multi
Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts
Exchange: RST and CQ Zone no
Work stations: Once per band
QSO Points: 0 points per QSO with same country (counts as mult); 1 point per QSO with different country same continent; 2 points per QSO with different country same continent (NA); 3 points per QSO with different continent
Multipliers: Each CQ zone once per band; Each country once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 23:59 UTC 4 December 2020
E-mail logs to: (none)
Upload log at: http://www.cqww.com/logcheck/
Mail logs to: (none)
Find rules at: http://www.cqww.com/rules.htm

RTTYOPS Weekend Sprint
16:00 - 19:59 UTC 28 November
Geographic Focus: Worldwide
Participation: Worldwide
Mode: RTTY
Bands: 80, 40, 20, 15, 10 m
Classes: Single Op (Wires Only); Single Op Multi-Band; Single Op Portable; Single Op Mobile; Multi-Op (Max 2 ops due to COVID-19)
Max operating hours: 4 hours
Exchange: other station's call, your call, serial no, your name and 6-character grid locator,
Work stations: Once per band

QSO Points: 1 point per km between stations; 500 points bonus if new 4-character locator
Multipliers: (none)
Score Calculation: Total score = total QSO points and bonus points
Submit logs by: 23:59 UTC 5 December 2020
E-mail logs to: rtty-weekend@nrrlcontest.no
Mail logs to: (none)
Find rules at: https://rttyops.wordpress.com/rtty-mini-contests/rttyops-weekend-sprint/

K1USN Slow Speed Test
00:00 - 01:00 UTC 30 November
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 80, 40, 20 m
Classes: Single Op - QRP, low or high
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
Exchange: Maximum 20 wpm - Name and state, province or country
Work stations: Once per band
QSO Points: 10 points per QSO with same country; 20 points per QSO with different country, same continent; 30 points per QSO with different country, different continent
Multipliers: Each state/province/country once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 23:59 UTC 2 December 2020
Post log summary at: http://www.3830scores.com
Mail logs to: (none)
Find rules at: http://www.k1usn.com/sst.html

QCX Challenge
13:00 - 14:00 UTC and 19:00 - 20:00 UTC 30 November and 03:00 - 04:00 UTC 1 December
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op
Max power: HP: >5 watts; QRP: 5 watts

Exchange: RST, name, state, province or country and rig
Work stations: Once per band
QSO Points: 3 points per QSO with QCX station; 1 point per QSO with non-QCX station
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 04:00 UTC 8 December 2020
Post log summary at: http://www.3830scores.com
Mail logs to: (none)
Find rules at: http://www.qrp-labs.com/party.html

OK1WC Memorial (MWC)
16:30 - 17:29 UTC 30 November
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 80, 40 m
Classes: Single Op All Band - QRP or low; Single Op Single Band - QRP or low
Max power: LP: 100 watts; QRP: 5 watts
Exchange: RST and serial no
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each last character of worked station call suffix once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 06:00 UTC 4 December 2020
E-mail logs to: (none)
Upload log at: https://memorial-ok1wc.cz/index.php?page=logs
Mail logs to: (none)
Find rules at: https://memorial-ok1wc.cz/index.php?page=rules2l

Operating Tip
Little Pistols: Arrive to a Band Early or Stay Late. In a popular event like the ARRL Sweepstakes, running stations can be wall-to-wall on the most-open band, with search-and-pounce

stations piled up to work them. QRP and Low power operators having difficulty breaking these pileups could try the next-most-open band, where it may be possible to obtain a higher QSO rate. In contests like Sweepstakes that do not have per-band multipliers, it does not matter on what band you work that multiplier, as long as you eventually do work them.

Bias and phantom power

Jim, K9YC, very recent YASME Excellence award winner, wanted to clarify that there's a difference between *bias* and *phantom power* as part of a discussion on the CQ-Contest email reflector: "The bias that ham gear and computers provide is NOT 'phantom power,' which is VERY different. Phantom power is an international standard for pro mics with BALANCED outputs and is applied equally between the two signal conductors and the shield through two equal value resistors. The two systems are not even slightly compatible."

Next Week's Contests

Worldwide Sideband Activity Contest, 01:00 - 01:59 UTC 1 December
RTTYOPS Week Sprint, 17:00 - 19:00 UTC 1 December
QRP Fox Hunt, 02:00 - 03:30 UTC 2 December
Phone Fray, 02:30 - 03:00 UTC 2 December
CWops Mini-CWT Test 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 2 December and 03:00 - 04:00 UTC 3 December
QRP ARCI Topband Sprint 00:00 - 03:00 UTC 3 December
RTTYOPS Week Sprint 17:00 - 19:00 UTC 3 December
NRAU 10 m Activity Contest, 18:00 - 19:00 UTC (CW) and 19:00 - 20:00 UTC (SSB) and 20:00 - 21:00 UTC (FM) and 21:00 - 22:00 UTC (Dig) 3 December
SKCC Sprint Europe, 20:00 - 22:00 UTC 3 December
NCCC RTTY Sprint, 01:45 - 02:15 UTC 4 December
QRP Fox Hunt, 02:00 - 03:30 UTC 4 December
NCCC Sprint, 02:30 - 03:00 UTC 4 December
ARRL 160-Metre Contest, 22:00 UTC 4 December to 16:00 UTC 6 December
UFT Meeting, 05:00 - 08:00 UTC and 15:00 - 18:00 UTC 5 December and 07:00 - 10:00 UTC 6 December
Wake-Up! QRP Sprint, 06:00 - 06:29 UTC and 06:30 - 06:59 UTC and 07:00 - 07:29 UTC and 07:30 - 08:00 UTC 5 December
PRO CW Contest, 12:00 UTC 5 December to 11:59 UTC 6 December
RTTYOPS Weekend Sprint, 16:00 - 19:59 UTC 5 December
FT Roundup, 18:00 UTC 5 December to 23:59 UTC 6 December
EPC Ukraine DX Contest, 20:00 UTC 5 December to 19:59 UTC 6 December
K1USN Slow Speed Test, 00:00 - 01:00 UTC 7 December
OK1WC Memorial, 16:30 - 17:29 UTC 7 December
Worldwide Sideband Activity Contest, 01:00 - 01:59 UTC 8 December
ARS Spartan Sprint, 02:00 - 04:00 UTC 8 December
RTTYOPS Week Sprint, 17:00 - 19:00 UTC 8 December

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter